

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**VEHICLE ENERGY STORAGE SYSTEM CONTROL METHODS AND METHOD FOR  
DETERMINING BATTERY CYCLE LIFE PROJECTION FOR HEAVY  
DUTY HYBRID VEHICLE APPLICATIONS**

- ☒ the specification of which is attached hereto OR  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
☐ or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	CERTIFIED COPY ATTACHED	
				Yes	No
				Yes	No
				Yes	No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

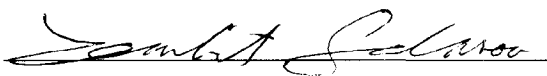
APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Practitioners at Customer Number 23413; Christian G. Cabou (Reg. No. 35,467, Donald S. Ingraham (Reg. No. 33,714), Patrick K. Patnode (Reg. No. 40,121); Penny Clarke (Reg. No. 46,627); Jean Testa (Reg. No. 39,396); Bernadette M. Bennett (Reg. No. 44,532); Toan Vo (Reg. No. 43,225) and Ann Agosti (37,372), all of General Electric Company, One Research Circle, Bldg. K-1, Niskayuna, NY 12309; Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski, (Reg. No. 26, 621); Scott R. Hayden, (Reg. No. 41,821); and Catherine Winter, (Reg. No. 38,364) all of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431-0001, jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Customer No. 23413, Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002, Telephone No. (860) 286-2929.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

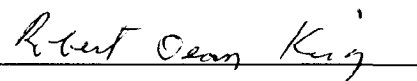
Full name of sole or first joint inventor: Lembit Salasoo

Inventor's signature:  Date: 8-15-2003  
 Residence: 2280 Berkley Ave., Schenectady, NY 12309

Citizenship: Australia

Post Office Address: 2280 Berkley Ave., Schenectady, NY 12309

Full name of second joint inventor: Robert Dean King

Inventor's signature:  Date: 8/15/03  
 Residence: 196 Wemple Road, Schenectady, NY 12306

Citizenship: United States

Post Office Address: 196 Wemple Road, Schenectady, NY 12306

Full name of third joint inventor: Ajith Kuttannair Kumar

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 528 Donna Drive, Erie, PA 16509

Citizenship: United States

Post Office Address: 528 Donna Drive, Erie, PA 16509

Full name of fourth joint inventor: Dongwoo Song

Inventor's signature: Dongwoo Song Date: 8/15/03

Residence: 137 Tempest Drive, Latham, NY 12110

Citizenship: United States

Post Office Address: 137 Tempest Drive, Latham, NY 12110

Full name of fifth joint inventor: Henry Todd Young

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 10145 Townline Road, North East, PA 16428

Citizenship: United States

Post Office Address: 10145 Townline Road, North East, PA 16428

Full name of sixth joint inventor: Timothy Gerard Richter

Inventor's signature: Timothy Ger Richter Date: 8/15/03

Residence: 239 Geiser Road, Wynantskill, NY 12198

Citizenship: United States

Post Office Address: 239 Geiser Road, Wynantskill, NY 12198

Full name of seventh joint inventor: Prahlad Bhugra

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 4/24 BDA MIG Flats, Domlur, Bangalore, India, 560071

Citizenship: India

Post Office Address: 4/24 BDA MIG Flats, Domlur, Bangalore, India, 560071

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**VEHICLE ENERGY STORAGE SYSTEM CONTROL METHODS AND METHOD FOR  
DETERMINING BATTERY CYCLE LIFE PROJECTION FOR HEAVY  
DUTY HYBRID VEHICLE APPLICATIONS**

- ☒ the specification of which is attached hereto OR  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
☐ or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Practitioners at Customer Number 23413; Christian G. Cabou (Reg. No. 35,467, Donald S. Ingraham (Reg. No. 33,714), Patrick K. Patnode (Reg. No. 40,121); Penny Clarke (Reg. No. 46,627); Jean Testa (Reg. No. 39,396); Bernadette M. Bennett (Reg. No. 44,532); Toan Vo (Reg. No. 43,225) and Ann Agosti (37,372), all of General Electric Company, One Research Circle, Bldg. K-1, Niskayuna, NY 12309; Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski, (Reg. No. 26, 621); Scott R. Hayden, (Reg. No. 41,821); and Catherine Winter, (Reg. No. 38,364) all of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431-0001, jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Customer No. 23413, Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002, Telephone No. (860) 286-2929.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor: Lembit Salasoo

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 2280 Berkley Ave., Schenectady, NY 12309

Citizenship: Australia

Post Office Address: 2280 Berkley Ave., Schenectady, NY 12309

Full name of second joint inventor: Robert Dean King

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 196 Wemple Road, Schenectady, NY 12306

Citizenship: United States

Post Office Address: 196 Wemple Road, Schenectady, NY 12306

3

Docket No. 130898-1

Full name of third joint inventor: Ajith Kuttannair Kumar

Inventor's signature: Ajith Kuttannair KumarDate: Aug 15, 2003Residence: 528 Donna Drive, Erie, PA 16509Citizenship: United StatesPost Office Address: 528 Donna Drive, Erie, PA 16509

Full name of fourth joint inventor: Dongwoo Song

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 137 Tempest Drive, Latham, NY 12110Citizenship: Republic of KoreaPost Office Address: 137 Tempest Drive, Latham, NY 12110

Full name of fifth joint inventor: Henry Todd Young

Inventor's signature: Henry Todd YoungDate: 8/15/03Residence: 10145 Townline Road, North East, PA 16428Citizenship: United StatesPost Office Address: 10145 Townline Road, North East, PA 16428

Full name of sixth joint inventor: Timothy Gerard Richter

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 239 Geiser Road, Wynantskill, NY 12198

Citizenship: \_\_\_\_\_

Post Office Address: 239 Geiser Road, Wynantskill, NY 12198

Full name of seventh joint inventor: Prahlad Bhugra

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 4/24 BDA MIG Flats, Domlur, Bangalore, India, 560071Citizenship: IndiaPost Office Address: 4/24 BDA MIG Flats, Domlur, Bangalore, India, 560071

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**VEHICLE ENERGY STORAGE SYSTEM CONTROL METHODS AND METHOD FOR  
DETERMINING BATTERY CYCLE LIFE PROJECTION FOR HEAVY  
DUTY HYBRID VEHICLE APPLICATIONS**

- ☒ the specification of which is attached hereto OR  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
☐ or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Practitioners at Customer Number 23413; Christian G. Cabou (Reg. No. 35,467, Donald S. Ingraham (Reg. No. 33,714), Patrick K. Patnode (Reg. No. 40,121); Penny Clarke (Reg. No. 46,627); Jean Testa (Reg. No. 39,396); Bernadette M. Bennett (Reg. No. 44,532); Toan Vo (Reg. No. 43,225) and Ann Agosti (37,372), all of General Electric Company, One Research Circle, Bldg. K-1, Niskayuna, NY 12309; Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski, (Reg. No. 26, 621); Scott R. Hayden, (Reg. No. 41,821); and Catherine Winter, (Reg. No. 38,364) all of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431-0001, jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Customer No. 23413, Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002, Telephone No. (860) 286-2929.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor: Lembit Salasoo

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 2280 Berkley Ave., Schenectady, NY 12309

Citizenship: Australia

Post Office Address: 2280 Berkley Ave., Schenectady, NY 12309

Full name of second joint inventor: Robert Dean King

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 196 Wemple Road, Schenectady, NY 12306

Citizenship: United States

Post Office Address: 196 Wemple Road, Schenectady, NY 12306



Full name of third joint inventor: Ajith Kuttannair Kumar

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 528 Donna Drive, Erie, PA 16509

Citizenship: United States

Post Office Address: 528 Donna Drive, Erie, PA 16509

Full name of fourth joint inventor: Dongwoo Song

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 137 Tempest Drive, Latham, NY 12110

Citizenship: United States

Post Office Address: 137 Tempest Drive, Latham, NY 12110

Full name of fifth joint inventor: Henry Todd Young

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 10145 Townline Road, North East, PA 16428

Citizenship: United States

Post Office Address: 10145 Townline Road, North East, PA 16428

Full name of sixth joint inventor: Timothy Gerard Richter

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 239 Geiser Road, Wynantskill, NY 12198

Citizenship: United States

Post Office Address: 239 Geiser Road, Wynantskill, NY 12198

Full name of seventh joint inventor: Prahlad Bhugra

Inventor's signature: Prahlad Bhugra Date: 18<sup>th</sup> AUG '2003

Residence: 4/24 BDA MIG Flats, Domlur, Bangalore, India, 560071

Citizenship: India

Post Office Address: 4/24 BDA MIG Flats, Domlur, Bangalore, India, 560071